

ABSTRACT

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A typical mouse presents great inconvenience to those who have
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very large hands, very small hands or those who have finger deformity.

When the hands are very large, user fingers need to bend over in order to reach the button; when the hands are very small, user fingers need to stretch out in order to reach the button. None of which presents a comfortable position for these users. Furthermore, if there is any finger deformity involved, then there would be even greater difficulty in activating the mouse button for purposes such as data selection and command execution.

The present invention provides an improved computer mouse that has a mouse housing having a base member and a top member. The base member is configured primarily to make moving contact with the surface of a computer pad or a table. The top member is an integrated piece having no separate mechanical button disposed thereon. For data selection and command execution, the top member and the base member of the mouse are coupled and engaged in a manner that the entire top member via simple wrist action serves as a button for activating an internal switch to register palm clicking input. Advantageously, the present invention removes the awkwardness and discomfort for those large-handed, small-handed and deformed-handed users. All users may now comfortably select data or execute commands by simple and light wrist action.